

Barometric Pressure Monitoring

Manly Hydraulics Laboratory (MHL) has been monitoring waves and tides along the NSW coast since the mid 1970s and early 1980s respectively. Barometric pressure is monitored as part of the processing of the offshore tide data and to aid understanding of the oceanographic and atmospheric processes of storm events. MHL has been monitoring barometric pressure at selected locations along the NSW coast since 1999. The program is funded by the Office of Environment and Heritage (OEH) and currently records barometric pressure at eight locations along the NSW coast.

Services Provided

MHL installs, maintains, calibrates and conducts status checks on the instrumentation. The data is quality controlled and stored in MHL's extensive environmental database. Data is provided in near real time via MHL's website to the public and to users on request.

Key Features

- 8 long-term sites established
- All sites telemeter data in near real time
- Leading edge instrumentation and quality procedures
- Very high data recovery rates

Benefits

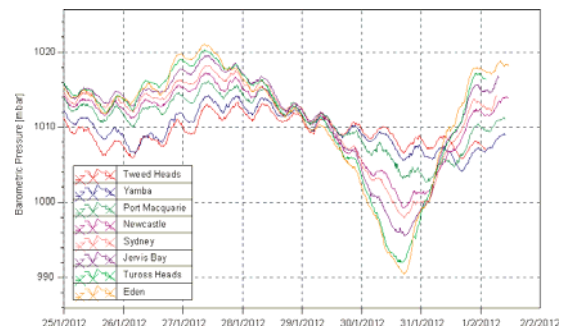
The program provides benefit to the NSW public by supplying accurate near real time tidal data together with long-term quality controlled datasets. This data can be used to aid coastal planning and investigations into coastal processes, navigation, flooding, erosion, climate change and sea level rise. The data can also be used to aid investigation of the effects of extreme events such as cyclones and east coast lows.



Source: <http://www.theage.com.au/articles/2007/06/08/1181089283626.html>



Source: <http://www.yachtforums.com/forums/general-yachting-discussion/6708-world-wide-webcams-3.html>



Low pressure system crossing NSW coast



Pasha Bulker storm, 2007